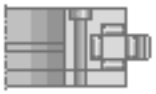


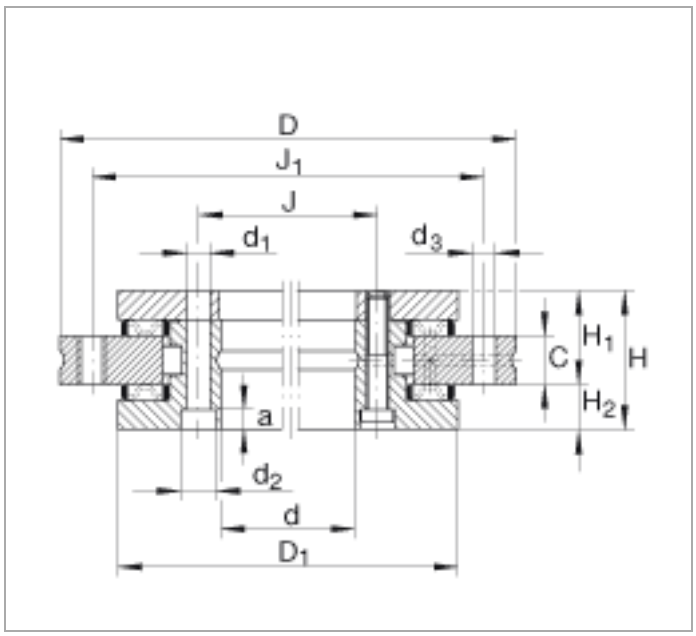
Axial/radial bearings YRT50 (Series YRT)

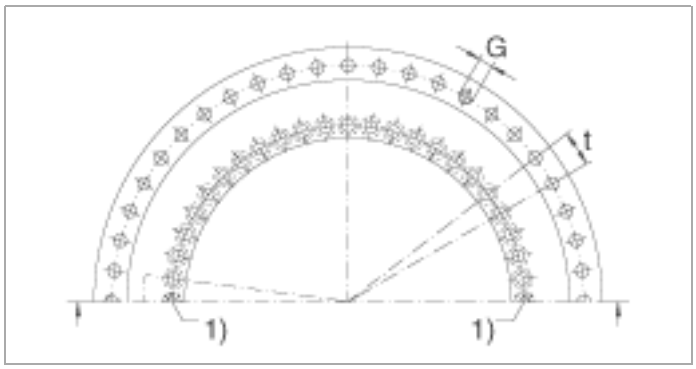
double direction, for screw mounting

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	50	mm	Sizes d > 1030 mm available by agreement
D	126	mm	
H	30	mm	
	10		Number of fixing holes in inner ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes.
	12		Number of fixing holes in outer ring Attention! For fixing holes in the adjacent construction. Note the pitch of the bearing holes.
	2		Number of retaining screws
1)			Retaining screws
C	10	mm	
d_1	5,6	mm	Fixing holes in inner ring
$D_{1\,max}$	105	mm	
d_3	5,6	mm	Fixing holes in outer ring
H_1	20	mm	
H_2	10	mm	
J	63	mm	Fixing holes in inner ring
J_1	116	mm	Fixing holes in outer ring
t	12 X 30°		Pitch t Including retaining screws and extraction threads Quantity X t
m	1,6	kg	Mass
M_A	8,5	Nm	Screw tightening torque

		Tightening torque for screws to DIN 912, grade 10.9.
C_a	56000 N	Basic dynamic load rating, axial
C_{0a}	280000 N	Basic static load rating, axial
C_r	28500 N	Basic dynamic load rating, radial
C_{0r}	49500 N	Basic static load rating, radial
n_G	440 1/min	Limiting speed For high operating durations or continuous operation, please contact us.
M_R	2,5 Nm	Bearing frictional torque
c_{aL}	1300 N/µm	Axial rigidity of bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections.
c_{rL}	1100 N/µm	Radial rigidity of bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections.
c_{kL}	1250 Nm/mrad	Tilting rigidity of the bearing position Rigidity values taking account of the rolling element set, rigidity of the bearing rings and the screw connections.
c_{aL}	6200 N/µm	Axial rigidity of rolling element set
c_{rL}	1500 N/µm	Radial rigidity of rolling element set
c_{kL}	5900 Nm/mrad	Tilting rigidity of rolling element set

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